STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP00-5005-00(004)	236	282

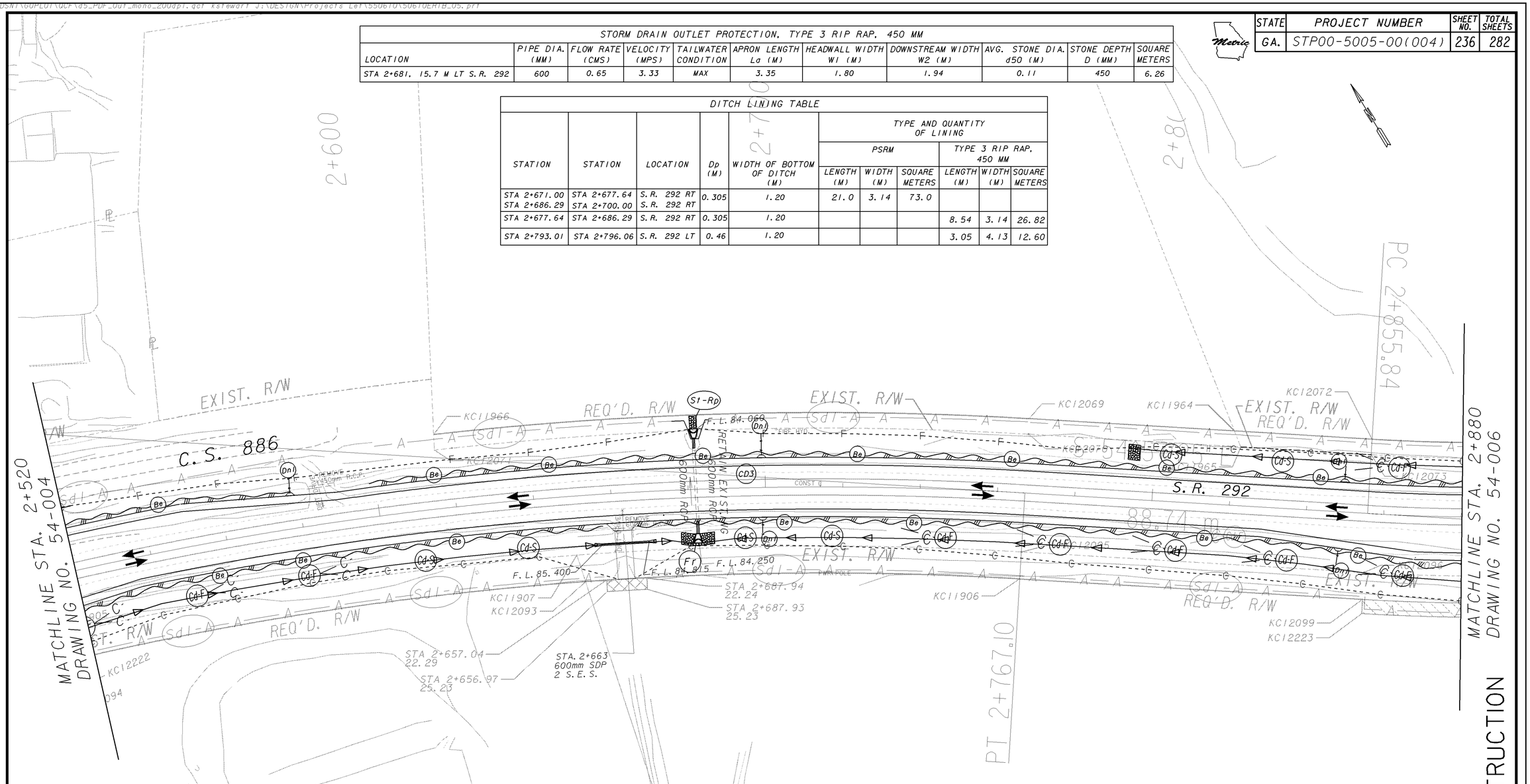
Metric

STORM DRAIN OUTLET PROTECTION, TYPE 3 RIP RAP, 450 MM

LOCATION	PIPE DIA. (MM)	FLOW RATE (CMS)	VELOCITY (MPS)	TAILWATER CONDITION	APRON LENGTH La (M)	HEADWALL WIDTH W1 (M)	DOWNSTREAM WIDTH W2 (M)	AVG. STONE DIA. d50 (M)	STONE DEPTH D (MM)	SQUARE METERS
STA 2+681, 15.7 M LT S.R. 292	600	0.65	3.33	MAX	3.35	1.80	1.94	0.11	450	6.26

DITCH LINING TABLE

STATION	STATION	LOCATION	Dp (M)	WIDTH OF BOTTOM OF DITCH (M)	TYPE AND QUANTITY OF LINING: PSRM LENGTH (M)	PSRM WIDTH (M)	PSRM SQUARE METERS	TYPE 3 RIP RAP, 450 MM LENGTH (M)	TYPE 3 RIP RAP, 450 MM WIDTH (M)	TYPE 3 RIP RAP, 450 MM SQUARE METERS
STA 2+671.00 STA 2+686.29	STA 2+677.64 STA 2+700.00	S.R. 292 RT S.R. 292 RT	0.305	1.20	21.0	3.14	73.0			
STA 2+677.64	STA 2+686.29	S.R. 292 RT	0.305	1.20				8.54	3.14	26.82
STA 2+793.01	STA 2+796.06	S.R. 292 LT	0.46	1.20				3.05	4.13	12.60



Stage IB - Intermediate Phase
The work in this phase involves drainage system improvements and the widening of S.R.292 from STA 1+160 to STA 4+927.79, and the milling and inlay of S.R.292 from STA 4+927.79 to STA 5+560. Also, the realignments of Wilson Road (C.R.14), Brice Drive/Old Mt.Vernon Road, Donovan Street (C.S.710), Fowler Street, and Lowery Place Access Road will be constructed. All BMPs installed during the initial phase shall be maintained during this phase. Concurrent with the grading of the proposed ditches, check dams should be installed as shown in the plans. At the time of storm drain installations, the stone filter rings installed during Stage 1A at the inlets of the existing pipes should be removed. As storm drain pipes are installed, silt fence should be installed to wrap around pipe inlets and outlets as applicable, and Type 3 Rip Rap should be installed at the outlets as shown on the plans. Stone filter rings should be installed at STA 1+416 LT, STA 2+681 RT, STA 3+504 LT, STA 3+880 LT & RT, and STA 4+380 RT. Inlet sediment traps should be installed as storm drain structures are constructed. Earth berms and temporary slope drain pipes should be installed during the grading operation to channel storm runoff down the front slopes. Construction exits should be placed and maintained as necessary to prevent tracking of material onto roadway during grading operation.

USE ON CONSTRUCTION

BMP
STAGE IB

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

LEGEND
OPEN LANES OF TRAFFIC

RATIO = 1:500
0 10 20 40
SCALE IN METERS

DATE	REVISIONS	DATE	REVISIONS
7-15-13			
12-20-13			

LAND LOT NO.
LAND DISTRICT
GMD 1567
\\gdot-dsn1\gocfg\resources\Gdot-2012.tbl

GEORGIA
DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
PROJECT: STP00-5005-00(004)
COUNTY: MONTGOMERY/TOOMBS
54-024